

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/008225

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D239/04 A61K31/505 A61P19/00 A61P29/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 284 854 A (KENNIS LUDO E J ET AL) 8 February 1994 (1994-02-08) claim 1; table 3	1-19
X	WO 02/096867 A (LG BIOMEDICAL INST) 5 December 2002 (2002-12-05) example 104	1
A	VISHWAKARMA, J.N. ET AL.: "Reactions of polarized ketene S,N-acetals with guanidine: a facile route to novel 5,6-substituted 2-amino-4-N-alkyl/aryl/N-azacycloalkylaminopyrimidines" INDIAN JOURNAL OF CHEMISTRY SECTION B, vol. 24B, no. 5, 1985, pages 466-471, XP009020490 * 2-Amino-4-N-(N'-phenyl)piperazino-6-phenylpyrimidine*	1
	-/-	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## ° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the International search report
5 November 2004	17/11/2004

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Baston, E

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/008225

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/62233 A (HOFFMANN LA ROCHE) 30 August 2001 (2001-08-30) cited in the application claim 1 -----	1-19
A	EP 0 459 830 A (WELLCOME FOUND) 4 December 1991 (1991-12-04) cited in the application claim 1 -----	1-19

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP2004/008225

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5284854	A	08-02-1994	US 5140029 A US 5256659 A AT 104971 T AU 617918 B2 AU 4777990 A CA 2007200 A1 CN 1044094 A ,B DE 69008366 D1 DE 69008366 T2 DK 378255 T3 EP 0378255 A2 ES 2055860 T3 FI 900085 A ,B, HU 52770 A2 IE 62874 B1 IL 92730 A JP 2225482 A JP 2938492 B2 KR 159099 B1 MA 21722 A1 NO 900071 A ,B, NZ 231788 A PT 92806 A ,B RU 2028297 C1 ZA 9000123 A ZW 290 A1	18-08-1992 26-10-1993 15-05-1994 05-12-1991 12-07-1990 09-07-1990 25-07-1990 01-06-1994 25-08-1994 24-05-1994 18-07-1990 01-09-1994 10-07-1990 28-08-1990 08-03-1995 10-06-1993 07-09-1990 23-08-1999 01-12-1998 01-10-1990 10-07-1990 21-12-1990 31-07-1990 09-02-1995 25-09-1991 11-09-1991
WO 02096867	A	05-12-2002	EP 1412327 A2 WO 02096867 A2 US 2003187007 A1 US 2003208067 A1	28-04-2004 05-12-2002 02-10-2003 06-11-2003
WO 0162233	A	30-08-2001	AU 5464301 A BR 0108611 A CA 2398274 A1 CN 1438890 T CZ 20023199 A3 WO 0162233 A2 EP 1261327 A2 HU 0300029 A2 JP 2003523380 T MX PA02008240 A NO 20024006 A NZ 520241 A US 2001027196 A1 ZA 200206077 A	03-09-2001 06-05-2003 30-08-2001 27-08-2003 14-05-2003 30-08-2001 04-12-2002 28-05-2003 05-08-2003 29-11-2002 22-08-2002 28-05-2004 04-10-2001 30-10-2003
EP 0459830	A	04-12-1991	AU 646669 B2 AU 7809891 A CA 2043671 A1 EP 0459830 A1 FI 912621 A HU 58303 A2 IE 911859 A1 JP 5320142 A NZ 238359 A PT 97804 A ZA 9104166 A	03-03-1994 05-12-1991 02-12-1991 04-12-1991 02-12-1991 28-02-1992 04-12-1991 03-12-1993 27-09-1993 31-03-1992 24-02-1993